Index of Claims

| Applica | ation/Con | trol No. |
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09/904,409

Examiner

Scott Beliveau

Applicant(s)/Patent under Reexamination

SCHRADER ET AL.

Art Unit

2623

✓ Rejected= Allowed

- (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

|           |                      |          |                 |          |  |  |  |                 |               |    |          |          |                 |          |          |          |                 |               |          |                           |                  | _          |            |          |          |   |
|-----------|----------------------|----------|-----------------|----------|--|--|--|-----------------|---------------|----|----------|----------|-----------------|----------|----------|----------|-----------------|---------------|----------|---------------------------|------------------|------------|------------|----------|----------|---|
| Cla       | im                   |          |                 |          | [  | Dat  | е  |                 |               | ]  | Cla      | aim      |                 |          |          |          | Date            | •             |          |                           |                  | Cla        | im         |          |          | _ |
| Final     | Original             | 4/18/67  |                 |          |  |  |  |                 |               |    | Final    | Original |                 |          |          |          |                 |               |          |                           | -                | Final      | Original   |          |          |   |
|           | Θ                    | √        |                 |          |  |  |  |                 |               |    |          | 51       |                 |          |          |          |                 |               |          |                           |                  |            | 101        |          |          |   |
|           | 2                    | 1        |                 |          |  |  |  |                 |               | ]  |          | 52       |                 |          |          |          |                 |               |          |                           |                  |            | 102        |          |          |   |
|           | 3                    | 1        |                 |          |  |  |  |                 |               |    |          | 53       |                 |          |          |          |                 |               | $\perp$  |                           |                  |            | 103        |          |          |   |
|           | 4                    | 1        |                 |          |  |  |  |                 |               |    |          | 54       | Щ               |          | Ш        |          |                 |               |          |                           | L                |            | 104        |          |          |   |
|           | 6-                   | =        | L               |          | L  |  | _  | _               |               | 4  |          | 55       |                 |          | Ш        |          |                 | $\perp$       | 4_       |                           | <u> </u>         |            | 105        | $\dashv$ | _        |   |
|           | 6                    | V        | L               | _        | _  |  |  |                 |               | 4  |          | 56       |                 |          |          |          |                 |               | <u> </u> | <u> </u>                  | <u> </u>         |            | 106        | _        | _        |   |
| -         | 7                    | 1        | <u> </u>        |          | <u> </u>   | -  |  |                 | +             | 4  |          | 57       |                 |          |          |          | -               | -             | +        | <b>├</b>                  | _                | _          | 107        | $\dashv$ | $\dashv$ | _ |
| -         | 8                    | 1        | L               |          | _  |  | _  |                 | +             | 4  |          | 58       | $\vdash$        |          | Н        |          |                 | $\perp$       | +        |                           | <u> </u>         | $\dashv$   | 108        | $\dashv$ | $\dashv$ |   |
|           | 9<br><del>10</del> - | 1        | ⊢               | _        | ⊢  |  |  | ŀ               |               | -  |          | 59<br>60 | _               | _        | $\vdash$ |          |                 |               | +        | -                         |                  | 1          | 109        | -        |          | _ |
|           | 11                   | 1        | Η-              | -        | ⊢  | _  | -  | Н               | +             | ┨  | $\vdash$ | 61       | Н               |          | $\vdash$ |          | -               |               | +        | -                         | l ├-             | -          | 110<br>111 | $\dashv$ | $\dashv$ | _ |
|           | 12                   | Ė        |                 | -        | $\vdash$   | <del>                                     </del> | ├  |                 |               | +  | -        | 62       | H               |          | $\vdash$ |          | Н               |               | +        | $\vdash$                  | -                | -+         | 112        | $\dashv$ |          |   |
| -         | 13                   |          | -               | $\vdash$ | $\vdash$   | ┢  | $\vdash$   | $\vdash$        |               | 1  | $\vdash$ | 63       | $\vdash \vdash$ |          | $\vdash$ |          | $\vdash \vdash$ | +             | +        | ╁                         | -                | $\dashv$   | 113        | -+       |          |   |
|           | 14                   | 1        |                 | H        | <u> </u>   | $\vdash$   | <del>                                     </del> | H               |               | 1  | $\vdash$ | 64       | Н               | -        | H        |          | $\vdash$        | +             | +        | +-                        | -                | $\dashv$   | 114        | $\dashv$ | -        |   |
|           | 6                    | 1        |                 | -        | <del>                                     </del> |  | ┢  | Н               |               | 1  | <b></b>  | 65       | Н               |          | $\vdash$ |          | $\Box$          | $\dashv$      | +        | †                         |                  | <b>-</b> † | 115        | -        | $\dashv$ | _ |
|           | 9                    | 1        |                 | _        | $\vdash$   |  | Г  |                 | _   _         | 1  |          | 66       | П               |          |          |          |                 |               | $\top$   | T                         |                  | _          | 116        | $\dashv$ | $\dashv$ | _ |
|           | 17                   | 1        | Г               | _        |  |  |  |                 |               | 1  |          | 67       |                 |          |          |          |                 |               | $\top$   |                           |                  | T          | 117        | $\neg$   | $\neg$   |   |
|           | 18                   | 1        |                 |          |  |  |  |                 |               | 1  |          | 68       |                 |          |          |          |                 | $\neg \vdash$ |          |                           |                  | $\neg$     | 118        | コ        | $\neg$   | _ |
|           | 49                   |          | -               |          |  |  |  |                 |               | ]  |          | 69       |                 |          |          |          |                 |               |          |                           |                  | T          | 119        | П        |          |   |
|           | 20                   | 1        |                 |          |  |  |  |                 |               |    |          | 70       |                 |          |          |          |                 |               |          |                           |                  |            | 120        |          |          |   |
|           | 24                   | <u> </u> |                 |          |  |  |  |                 |               |    |          | 71       |                 |          |          |          |                 |               |          |                           |                  |            | 121        |          | ,        |   |
| <u></u>   | 22                   | 1        |                 | _        |  | <u> </u>   |  |                 |               | Ţ  |          | 72       |                 |          |          |          |                 |               |          | ļ.,                       | <u> </u> _       | _          | 122        |          | _        |   |
| <u> </u>  | 23-                  |          | _               | _        |  | <u> </u>   | _  |                 |               | 1  |          | 73       |                 |          |          |          |                 |               | <u> </u> | ļ.,                       | _                | _          | 123        |          | _        |   |
| <u> </u>  | 24_                  | =        | _               |          | _  | _  | _  |                 | <u> </u>      | -  | <u></u>  | 74       |                 |          | $\Box$   | _        |                 |               | 4        | _                         | _                | 4          | 124        | _        | _        |   |
|           | 25_                  | -        |                 | _        | _  | _  | <u> </u>   | _               |               | 4  |          | 75       | -               |          | -        | _        |                 |               | $\bot$   | <u> </u>                  | <b> </b> -       |            | 125        | $\dashv$ | $\dashv$ |   |
| $\vdash$  | 26-<br>27-           |          | <u> </u>        |          | ├-   | -  | ļ  | Н               | -             | 4  | <b></b>  | 76<br>77 |                 |          | $\dashv$ | _        | $\dashv$        |               | -        | —                         | -                | $\dashv$   | 126        | -        | $\dashv$ | _ |
|           | 20                   |          | -               |          | $\vdash$   |  | ├  | Н               | +             | 1  |          | 78       | $\vdash$        |          | $\dashv$ | -        |                 |               | ╁        |                           | $\vdash$         | $\dashv$   | 127<br>128 | $\dashv$ | $\dashv$ |   |
|           | 20                   | Ŀ        |                 |          | $\vdash$   | _  |  |                 |               | 1  | -        | 79       | $\vdash$        | -        | $\vdash$ |          |                 | -+            | +        | +                         | -                | -          | 129        | $\dashv$ | $\dashv$ | _ |
|           | 30                   | <b>V</b> |                 |          |  |  |  | Н               | $\dashv$      | 1  |          | 80       | $\dashv$        | -        | -        | -        |                 | -+            | +        |                           | <del>  -</del>   | -          | 130        | _        | $\dashv$ |   |
|           | 31                   | Ż        |                 |          |  |  |  |                 | $\neg \vdash$ | 1  |          | 81       |                 |          |          |          |                 | $\neg$        | +        | $\vdash$                  | <u> </u>         | 十          | 131        | $\dashv$ | $\dashv$ | _ |
|           | 32                   | 7        |                 |          |  |  |  |                 | _             | 1  |          | 82       | $\neg$          |          | П        | $\neg$   | $\neg$          | T             | +        |                           |                  | _          | 132        | 寸        | $\dashv$ | _ |
|           | 33                   | 1        |                 |          |  |  |  | П               |               | 1  |          | 83       |                 |          |          |          |                 | $\neg$        | 1        |                           |                  | T          | 133        | $\neg$   | 寸        | _ |
|           | 34                   | 1        |                 |          |  |  |  |                 |               | ]  |          | 84       |                 |          |          |          |                 |               |          |                           |                  |            | 134        | 寸        |          | _ |
|           | 35                   | 1        |                 |          |  |  |  |                 |               |    |          | 85       |                 |          |          |          |                 |               | I        |                           |                  |            | 135        |          | $\Box$   |   |
|           | 36                   | /        |                 |          |  | 匚  |  |                 |               | ]  |          | 86       |                 |          |          |          |                 |               |          |                           |                  |            | 136        |          | $\Box$   | _ |
| $\square$ | 37                   | 1        | Ш               |          | ـــــا   | $oxedsymbol{oxed}$                               | L  | Ш               |               | ┨. |          | 87       |                 |          |          |          |                 | $\perp$       | $\perp$  | $\Box$                    |                  | $\prod$    | 137        | $\Box$   |          |   |
|           | 38                   | Y        | Ш               |          |  | <u> </u>   | <u> </u>   |                 | _             | 1  |          | 88       | Ш               |          |          |          | ļ               |               | $\perp$  |                           |                  | _          | 138        | $\perp$  | $\dashv$ |   |
|           | 39                   | 1        | Ш               |          | L  | L_   | Ш  | $\sqcup$        |               | 1  |          | 89       |                 |          |          | _        |                 | _             | _        | $ldsymbol{ldsymbol{eta}}$ | $\vdash$         | _          | 139        | _        |          |   |
| $\vdash$  | 41                   | /        | $\vdash \vdash$ |          |  | <u> </u>   |  |                 | _             | -  |          | 90       | $\vdash$        | _        | $\sqcup$ |          |                 | $\perp$       | +.       | -                         | ·  _             | _          | 140        | $\dashv$ | _        |   |
|           | 41                   | 8        | $\vdash$        | _        | <u> </u>   | ļ.,  | -  | $\vdash \vdash$ | +             | -  |          | 91<br>92 | $\sqcup$        |          |          | $\dashv$ |                 |               | +        | $\vdash$                  | -                |            | 141        | $\dashv$ | 4        |   |
| $\vdash$  | 43                   | 1        | $\vdash$        | _        | -  |  | $\vdash$   | $\vdash$        |               | 1  | $\vdash$ | 93       | -               |          |          | -        |                 |               | +        | $\vdash$                  | -                |            | 142<br>143 | $\dashv$ | $\dashv$ |   |
| $\vdash$  | 44                   | 1        | H               |          | -  |  | -  | $\vdash$        | +             | 1  |          | 93       | $\vdash$        | $\dashv$ |          |          | $\dashv$        | +             | +-       | H                         | -                | -          | 144        | $\dashv$ | $\dashv$ |   |
|           | 45                   | <u>-</u> | Н               |          | $\dashv$   | -  |  | $\vdash$        | +             | 1  |          | 95       | $\dashv$        | $\dashv$ | $\dashv$ | -        |                 | +             | +-       | $\vdash$                  |                  |            | 145        | +        | $\dashv$ |   |
| $\vdash$  | 46                   |          | $\dashv$        | -        |  | $\vdash$   |  | $\vdash \vdash$ | _             | 1  |          | 96       | $\vdash$        |          | -        | $\dashv$ | -               | $\dashv$      | +        | Н                         | -                |            | 146        | $\dashv$ | $\dashv$ |   |
|           | 47                   |          | $\neg$          | Н        |  |  |  | $\vdash$        | $\neg \vdash$ | 1  |          | 97       |                 |          | $\dashv$ | -        | $\neg$          | $\dashv$      | $\top$   | Н                         | <del>     </del> |            | 147        | $\dashv$ | 十        | - |
|           | 48                   |          |                 | $\neg$   |  | П  |  |                 | $\dashv$      | 1  |          | 98       | $\dashv$        | _        | $\dashv$ | $\dashv$ | _               |               | T        | H                         | <u> </u>         |            | 148        | $\dashv$ | $\dashv$ | _ |
|           | 49                   |          |                 | $\neg$   |  |  |  | $\Box$          | $\top$        | 1  |          | 99       |                 |          |          |          |                 |               | 1        | П                         | 一                |            | 149        | 十        | $\dashv$ | _ |
|           | 50                   |          |                 |          |  |  |  |                 |               | ]  |          | 100      |                 |          |          |          |                 |               | 1        | П                         |                  | $\dashv$   | 150        | $\dashv$ | $\dashv$ | _ |
|           |                      |          |                 | _        |  |  |  |                 |               | _  |          |          |                 |          |          |          |                 |               |          |                           |                  |            |            |          | _        |   |

| Cli    | aim   | Date   |              |           |              |          |          |  |          |                 |  |  |
|--------|---|--|--------------|-----------|--------------|----------|----------|--|----------|-----------------|--|--|
|        | <u> </u>  | $\Box$   |              |           | $\Box$       | Γ        |          | Г  |          |                 |  |  |
| Final  | Original  |  |              |           |              |          |          |  | :        |                 |  |  |
|        |   | _  | <u> </u>     | <u>_</u>  |              | _        | L        | <u></u>  | _        | Ш               |  |  |
|        | 101   | _  | <u> </u>     | _         | _            | _        | _        |  | <b> </b> | Ш               |  |  |
|        | 102   | _  |              |           |              | _        | _        |  |          |                 |  |  |
|        | 103   | l  |              |           |              |          |          |  |          | Ш               |  |  |
|        | 104   |  |              |           |              |          |          |  |          | 1 1             |  |  |
|        | 101<br>102<br>103<br>104<br>105   | Г  |              | П         |              | Г        |          |  |          |                 |  |  |
|        | 106   |  |              |           |              |          | Г        |  |          | П               |  |  |
|        | 107   |  |              |           |              |          |          |  |          |                 |  |  |
|        | 108   |  |              |           |              |          |          |  |          |                 |  |  |
|        | 107<br>108<br>109   |  |              |           | Г            |          |          |  |          | П               |  |  |
|        | 110   |  | -            |           |              | ┱        | <u> </u> |  | $\vdash$ | П               |  |  |
|        | 111   |  |              |           |              |          |          |  |          |                 |  |  |
|        | 112   | _  | -            | -         |              | $\vdash$ | _        | _  | ┢        | Н               |  |  |
|        | 113   |  | _            |           |              | ┢        | $\vdash$ |  |          | Н               |  |  |
|        | 110<br>111<br>112<br>113<br>114<br>115<br>116                             | <del>                                     </del> | $\vdash$     | -         | <del> </del> | -        | -        | -  | 1        | H               |  |  |
|        | 115   |  | $\vdash$     | $\vdash$  |              | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash \vdash$ |  |  |
|        | 116   |  | $\vdash$     | $\vdash$  | -            | -        | $\vdash$ | -  |          | $\vdash \vdash$ |  |  |
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|        | 117   | _  | _            | _         | $\vdash$     | _        | <u> </u> | <u> </u>   | _        | Н               |  |  |
|        | 110   | <u> </u>   | <u> </u>     |           | <del> </del> |          | <u> </u> | _  |          | Ш               |  |  |
|        | 117<br>118<br>119<br>120  | _  | _            | _         | _            | ļ        | _        | ļ  | ļ        | $\square$       |  |  |
|        | 120   |  |              |           | _            | _        |          | _  | _        | Ш               |  |  |
|        | 121   |  | _            | _         | _            | <u> </u> | <u> </u> |  |          | Ш               |  |  |
|        | 122   |  |              | <u> </u>  |              | L        | _        |  | L_       |                 |  |  |
|        | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |  |              | <u> </u>  | L_           | _        | _        | _  | _        | Ш               |  |  |
|        | 124   |  |              |           |              |          | _        |  |          | Щ               |  |  |
|        | 125   |  |              |           |              |          |          |  |          | Ш               |  |  |
|        | 126   |  |              |           |              |          |          |  |          | Щ               |  |  |
|        | 127   |  |              |           |              |          |          |  |          | Ш               |  |  |
|        | 128   |  |              |           |              | _        |          |  |          | Ш               |  |  |
|        | 129   |  |              |           |              |          |          |  |          | Ш               |  |  |
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|        | 131   |  |              | •         |              |          |          |  |          |                 |  |  |
|        | 132   |  |              |           |              |          |          |  |          |                 |  |  |
|        | 133   |  |              |           |              |          |          |  |          |                 |  |  |
|        | 134   |  |              |           |              |          |          |  |          |                 |  |  |
|        | 135   |  |              |           |              | Г        |          |  |          | П               |  |  |
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|        | 139   |  |              |           |              |          |          |  |          |                 |  |  |
|        | 140   | _  |              |           |              | Г        |          |  |          | Н               |  |  |
|        | 141   |  |              | _         | -            | $\vdash$ | _        |  | $\vdash$ | М               |  |  |
|        | 142   |  |              |           | H            |          | _        | _  |          | $\vdash$        |  |  |
| $\neg$ | 143   |  |              | _         | _            |          |          |  | H        |                 |  |  |
|        | 144   |  |              |           | -            |          |          |  |          | $\vdash$        |  |  |
|        | 145   |  |              |           | -            | $\vdash$ |          |  | $\vdash$ | $\vdash$        |  |  |
|        | 146   |  |              |           | H            | -        |          |  | -        | $\vdash$        |  |  |
|        |   |  | <u> </u>     |           | $\vdash$     | -        | _        | $\vdash$   | $\vdash$ | Н               |  |  |
|        | 147   |  |              |           | <u> </u>     | $\vdash$ | <u> </u> | $\square$  |          | $\sqcup$        |  |  |
| _      | 148   | $\blacksquare$                                   | _            |           |              |          |          |  | Щ        | Щ               |  |  |
|        | 149   |  |              | $\square$ | ļ,           |          |          | Щ  |          | Щ               |  |  |
|        | 150   |  |              |           | L            |          |          |  |          |                 |  |  |